

What is Claimed Is:

1. A method in a server configured for executing web applications, the method comprising:
receiving a first hypertext markup language (HTML) request, via a hypertext transport
(HTTP) connection, for a first HTML page for a user;

5 generating the first HTML page in response to the first HTML request by executing a first
web application instance according to a first application state;

storing a data record that specifies the first application state and a corresponding session
identifier;

10 sending the first HTML page and the session identifier to the user via the HTTP connection;

receiving via the HTTP connection a second HTML request for a second HTML page; and

generating the second HTML page by selectively executing a second web application
instance based on the first application state, based on reception of the corresponding session
identifier in the second HTML request.

2. The method of claim 1, wherein the storing step includes storing user attribute information
that specifies attributes about the user in the data record.

3. The method of claim 2, wherein the step of generating the second HTML page includes
executing the second web application instance based on the user attribute information stored in the
corresponding data record.

4. The method of claim 3, wherein the storing step includes storing in the user attribute
information subscriber profile information that specifies profile and preference settings for the
corresponding user.

5. The method of claim 2, further comprising deleting the data record after a prescribed
interval.

6. The method of claim 2, wherein the storing step further includes storing the data record as an extensible markup language (XML) document.

7. The method of claim 6, wherein the storing step further includes storing the XML document in a nonvolatile memory locally within the server.

8. The method of claim 7, further comprising forwarding the XML document from the nonvolatile memory to a second server requesting the XML document.

9. The method of claim 6, wherein the storing step further includes storing the XML document in a nonvolatile memory of a second server in communication with the server, the steps of generating the first and second HTML pages each comprising registering with the second server for corresponding access to the XML document.

10. The method of claim 1, wherein the storing step includes:

registering the first web application instance with a registry and in response creating a registry entry; and

storing state attributes, generated during execution of the first web application instance and describing the first application state, into the registry entry.

11. The method of claim 1, wherein the step of sending the first HTML page and the session identifier includes adding a tag within the first HTML page that includes a uniform resource locator (URL) that specifies the session identifier.

12. The method of claim 11, wherein the step of generating the second HTML page includes detecting the session identifier within the URL supplied by the second HTML request.

13. The method of claim 1, wherein the step of sending the first HTML page and the session identifier includes sending a cookie that includes the session identifier.

14. The method of claim 13, wherein the step of generating the second HTML page includes detecting the session identifier within a cookie supplied with the second HTML request.

15. A computer readable medium having stored thereon sequences of instructions for executing web applications by a server, the sequences of instructions including instructions for performing the steps of:

5 receiving a first hypertext markup language (HTML) request, via a hypertext transport (HTTP) connection, for a first HTML page for a user;

generating the first HTML page in response to the first HTML request by executing a first web application instance according to a first application state;

storing a data record that specifies the first application state and a corresponding session identifier;

10 sending the first HTML page and the session identifier to the user via the HTTP connection;

receiving via the HTTP connection a second HTML request for a second HTML page; and

generating the second HTML page by selectively executing a second web application instance based on the first application state, based on reception of the corresponding session identifier in the second HTML request.

16. The medium of claim 15, wherein the storing step includes storing user attribute information that specifies attributes about the user in the data record.

17. The medium of claim 16, wherein the step of generating the second HTML page includes executing the second web application instance based on the user attribute information stored in the corresponding data record.

18. The medium of claim 17, wherein the storing step includes storing in the user attribute information subscriber profile information that specifies profile and preference settings for the corresponding user.

19. The medium of claim 16, further comprising instructions for performing the step of deleting the data record after a prescribed interval.

20. The medium of claim 16, wherein the storing step further includes storing the data record as an extensible markup language (XML) document.

21. The medium of claim 20, wherein the storing step further includes storing the XML document in a nonvolatile memory locally within the server.

22. The medium of claim 21, further comprising instructions for performing the step of forwarding the XML document from the nonvolatile memory to a second server requesting the XML document.

23. The medium of claim 20, wherein the storing step further includes storing the XML document in a nonvolatile memory of a second server in communication with the server, the steps of generating the first and second HTML pages each comprising registering with the second server for corresponding access to the XML document.

24. The medium of claim 15, wherein the storing step includes:
registering the first web application instance with a registry and in response creating a registry entry; and
storing state attributes, generated during execution of the first web application instance and describing the first application state, into the registry entry.

25. The medium of claim 15, wherein the step of sending the first HTML page and the session identifier includes adding a tag within the first HTML page that includes a uniform resource locator (URL) that specifies the session identifier.

26. The medium of claim 25, wherein the step of generating the second HTML page includes detecting the session identifier within the URL supplied by the second HTML request.

27. The medium of claim 15, wherein the step of sending the first HTML page and the session identifier includes sending a cookie that includes the session identifier.

28. The medium of claim 27, wherein the step of generating the second HTML page includes detecting the session identifier within a cookie supplied with the second HTML request.

29. A processor-based system configured for executing web applications, the device comprising:

5 a hypertext transport protocol (HTTP) interface configured receiving first and second hypertext markup language requests for first and second HTML pages for a user, respectively, and sending the first and second HTML pages and a session identifier to the user via an HTTP connection; and

10 an application server configured for executing first and second web application instances for generation of the first and second HTML pages in response to the first and second HTML requests, respectively, the application server storing a data record that specifies a session state with the user upon completion of the first web application instance, the application server accessing the data record in response to detecting the session identifier in the second HTML request, and executing the second web application instance based on the accessed data record.

30. The system of claim 29, wherein the HTTP interface includes a web server connected to an Internet Protocol (IP) network.

31. The system of claim 29, further including a local memory for storing the data record for a prescribed time interval.

32. The system of claim 29, further comprising a shared registry for storing the data record, the shared registry configured for supplying the data record to authorized servers.

33. The system of claim 29, wherein the application server is configured for storing within the data record user attribute information that specifies attributes about the user, the application server executing the second web application instance based on the user attribute information in the corresponding accessed data record.

34. The system of claim 33, wherein the application server stores the data record as an extensible markup language (XML) document.

35. The system of claim 29, wherein the application server adds to the first HTML page a tag that includes a uniform resource locator (URL) that specifies the session identifier, the application server accessing the data record in response to detecting the URL specifying the session identifier in the second HTML request.

36. The device of claim 29, wherein the application server sends with the first HTML page a cookie that includes the session identifier, the application server accessing the data record in response to detecting the cookie having the session identifier with the second HTML request.